

Friday, January 25, 2019

Attn: Mr. Keith Gammell Barnhardt Mfg. Co. 247 Main Rd P.O. Box 3 Colrain, MA 01340

Project ID: NPDES BI-MONTHLY

SDG ID: GCC33148 Sample ID#s: CC33148

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis/Shiller

**Laboratory Director** 

NELAC - #NY11301

CT Lab Registration #PH-0618
MA Lab Registration #M-CT007

ME Lab Registration #CT-007

NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003

NY Lab Registration #11301

PA Lab Registration #68-03530

RI Lab Registration #63

UT Lab Registration #CT00007 VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

# Sample Id Cross Reference

January 25, 2019

SDG I.D.: GCC33148

Project ID: NPDES BI-MONTHLY

Client Id	Lab Id	Matrix
EFFLUENT	CC33148	WASTE WATER



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**Analysis Report** 

January 25, 2019

FOR: Attn: Mr. Keith Gammell

Barnhardt Mfg. Co.

247 Main Rd P.O. Box 3

Colrain, MA 01340

Sample InformationCustody InformationDateTimeMatrix:WASTE WATERCollected by:01/23/197:00Location Code:BARNHARDReceived by:SW01/23/1915:06

**Laboratory Data** 

Rush Request: Standard Analyzed by: see "By" below

P.O.#: G10513

SDG ID: GCC33148

Phoenix ID: CC33148

Project ID: NPDES BI-MONTHLY

Client ID: EFFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Nitrite-N	0.057	0.010	mg/L	1	01/23/19 19:33	ТВ	E353.2
Nitrate-N	15.0	0.20	mg/L	10	01/23/19 19:38	TB	E353.2
Nitrogen Tot Kjeldahl	9.65	1.00	mg/L	10	01/24/19	KDB	E351.1
Total Nitrogen	24.7	0.10	mg/L	1	01/24/19	KDB	SM4500NH3/E300.0-97

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

#### **Comments:**

If there are any questions regarding this data, please call Phoenix Client Services.

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

January 25, 2019

Reviewed and Released by: Rashmi Makol, Project Manager



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## QA/QC Report

January 25, 2019

### QA/QC Data

SDG I.D.: GCC33148

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 464483 (mg/L)	, QC Sam	ole No:	CC33351	(CC331	48)								
Nitrate-N	BRL	0.02	< 0.02	< 0.02	NC	103			102			90 - 110	20
Nitrite-N	BRL	0.01	< 0.010	<0.01	NC	104			101			90 - 110	20
QA/QC Batch 464452 (mg/L)	, QC Sam	ole No:	CC33101	(CC331	48)								
Nitrogen Tot Kjeldahl	BRL	0.10	1.67	1.78	6.40	95.3			94.5			85 - 115	20
Comment:													
TKN is reported as Organic Nit	rogen in the	Blank, L	.CS, DUP a	and MS.									

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director

January 25, 2019

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# Sample Criteria Exceedances Report GCC33148 - BARNHARD

Criteria: None State: MA

State: MA

RL Analysis
SampNo Acode Phoenix Analyte Criteria Units
Result RL Criteria Units

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

<sup>\*\*\*</sup> No Data to Display \*\*\*



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# **Analysis Comments**

January 25, 2019 SDG I.D.: GCC33148

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

	동	HAIN OF CUSTODY RECORD	RECORD		Coolant: IPK	°CO Pg of	
PHOENIX Francisconnental Laboratories, Inc.	587 East Mic Email: i	587 East Middle Tumpike, P.O. Box 370, Manchester, CT 06040 Email: info@phoenixlabs.com Fax (860) 645-0823 Cliont Sarvices (860) 645-8726	0, Manchester, CT 06040 Fax (860) 645-0823 645-8726		Data Delivery	Contactions:	باک
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